

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing

A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031

P.O Box 240, North Melbourne, Victoria 3051

Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client : Dynamic Composite Technologies Pty Ltd
Unit 8, 171-175 Newton Road
Wetherill Park NSW 2164

Test Number : 16-001211
Issue Date : 23/03/2016
Print Date : 23/03/2016

Sample Description Clients Ref : "DCT PIR GP"
Foil faced insulation board
Nominal Composition : Polyisocyanurate
Nominal Mass per Unit Area/Density : 30Kg/m3
Nominal Thickness : 40mm

AS/NZS 1530.3-1999

Methods for Fire Tests on Building Materials, Components and Structures Part 3: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

Face tested:	Foil Face	
Date tested:	23/03/2016	
	Standard Error	Mean
Ignition time	Nil	Nil min
Flame propagation time	Nil	Nil sec
Heat release integral	Nil	Nil kJ/m ²
Smoke release, log d	0.0145	-1.9223
Optical density, d		0.0120 / metre
Number of specimens ignited:		0
Number of specimens tested:		6
Regulatory Indices:		
Ignitability Index		0 Range 0-20
Spread of Flame Index		0 Range 0-10
Heat Evolved Index		0 Range 0-10
Smoke Developed Index		1 Range 0-10

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- Chemical Testing
- Mechanical Testing
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MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

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These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Ignition is initiated by a pilot flame that is held near, but does not touch the specimen. A material that does not ignite during the standard test may ignite if contacted with a pilot flame during the test.

Each test specimen had an unattached backing of 4.5mm thick fibre reinforced cement board.

Each test specimen was clamped along all sides.

Since the heat source for this test is a radiator, a reduction in the reflective properties of certain materials by the deposition of dust and soot, by surface damage and by the formation of surface corrosion products, may produce a significant change in the index numbers from those obtained when the materials were tested in a new and clean condition.

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